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(970) 222-0446

Law Offices of DEAN P. EDMUNDSON, P.C. P. O. Box 710 Windsor, Colorado 80550

Date:	May	3,	2001	

Case Docket No.: 353-07

THE COMMISSIONER OF PATENTS AND TRADEMARKS Washington, D.C. 20231

Sir:

Transmitted herewith for filing is the patent application of

Inventor: Harold R. Kaufman et al.

For: IMPROVED HALL-CURRENT ION SOURCE

Enclosed are:

X	5 sheets of drawing. An assignment of the invention to	
	A certified copy of a	application.
	An associate power of attorney.	
	A verified statement to establish small entity 37 CFR 1.9 and 37 CFR 1.27.	status under

. The filing fee has been calculated as shown below:

SMALL ENTITY

OTHER THAN A SMALL ENTITY

FOR:	NO.	FILED	NO. EXTRA			
BASIC FEE						
TOTAL CLAIMS	9	-20=	0			
INDEP CLAIMS	8	- 3=	5			
MULTIPLE DEPENDENT CLAIM PRESENTED						

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		\$ 7.10
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	X 80=	\$400
	\$270	\$ 0
	TOTAL	\$1110

A check in the amount of \$\frac{1,110.00}{2}\$ to cover the filing fee is enclosed.

Respectfully submitted,

Dean P. Edmundson

Reg. No. 25,723

Attorney for Applicant

PTO/SB/ xx (6-95) OMB 0651-0032

e through Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

0002/PTO Rcv. 6/95

U.S. Department of Commerce Patent and Trademark Office

Attorney Docket Number 353-07 First Named Inventor Kaufman Total Pages in this Submission 51

NEW UTILITY PATENT APPLICATION TRANSMITTAL

(to be used for new applications only)

APPLICATION ELEMENTS Notice: Checklist items mentioned under Application Elements section construct a new utility patent application. Pleasa refer to MPEP Section, 601, (37CFR 1.77, 1.53, 35 USC 111, 112, 113) for detailed explanation regarding completeness of an original patent application.	ACCOMPANYING APPLICATION PARTS			
X Fee Transmittal Form (prescribed filing fee(s))	6. Assignment Papers			
2 Specification	Certified Copy of Priority Document(s)			
X Abstract of the Disclosure	(if foreign priority is claimed)			
X Title of the Invention	8. Compuler Program in Microfiche			
Cross References to Related Applications (if applicable)	9. English Translation Document (if applicable)			
Statement Regarding Federally-sponsored Research/Development (if applicable)	10. Information Disclosure Copies of IDS Statement/PTO-1449 Citations			
Reference to Microficho Appendix (if applicable)	11. Petition Checklist and Accompanying Potition			
X Background of the Invention	12. Preliminary Amendment			
X Brief Summary of the Invention	13. Proprietary Information			
X Brief Description of the Drawings (if drawings filed)	14. X Return Receipt Postcard			
X Detailed Description	15. Small Entity Statement			
X Claim or Claims	16. Additional Enclosures (please identify below):			
3. X Drawing(s) (when necessary as prescribed by 35 USC 113)				
4. X Executed Declaration				
5. Genetic Sequence Submission	SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
(if applicable, all must be included) Paper Copy	Firm or Dean P. Edmundson Individual name			
Computer Readable Copy	Signaturo Dean P. Edunar			
Statement Verifying Identical Paper and Computer Readable Copy	Date May 3, 2001			
FOR OFFICIA	I USE ONLY			
	ass Independent Claims			
Date of Receipt Application Type G	AU Total Claims			
Filing Date Fo	reign Filing License? Drawing Sheets			
Small Entity Fo	oreign Address? Special Handling?			

PTO/SD/ xx (6-95)

Approved for use through OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: HAROLD R. KAUFMAN ET AL.

Serial No: (Attorney docket 353-670) No.:

Filed:On or about 5/3/01

Examiner:

For: IMPROVED HALL-CURRENT ION SOURCE

Commissioner of Patents and Trademarks

Washington, D.C. 20231

EXPRESS MAIL CERTIFICATE

"Express Mail" label number __ET551169959US

Date of Deposit __May 3, 2001

I hereby certify that the following attached paper or fee

Above-identified application for patent Declaration and Power of Attorney 5 sheets of drawings Transmittal letter Filing fee

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Commissioner of Patents and Trademarks, Washington, D.C. 20231.

Dean P. Edmundson

(Typed or printed name of person mailing paper or fee)

(Signature of person mailing paper or fee)

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NOTE: The label number need not be placed on each page, it should, however, be placed on the lirst page of each separate document, such as, a new application, amendment, assignment, and transmittal letter for a fee, along with the certificate of making by "Express Mail," Although the label number may be on checks, such a practice is not required, in order not to deface formal drawings it is suggested that the label number be placed on the back of each formal drawing or the drawings be accompanied by a set of informal drawings on which the label number is placed.